

09/824, 905

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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Sep 17 IMSworld Pharmaceutical Company Directory name change
to PHARMASEARCH
NEWS 3 Oct 09 Korean abstracts now included in Derwent World Patents
Index
NEWS 4 Oct 09 Number of Derwent World Patents Index updates increased
NEWS 5 Oct 15 Calculated properties now in the REGISTRY/ZREGISTRY File
NEWS 6 Oct 22 Over 1 million reactions added to CASREACT
NEWS 7 Oct 22 DGENE GETSIM has been improved
NEWS 8 Oct 29 AAASD no longer available
NEWS 9 Nov 19 New Search Capabilities USPATFULL and USPAT2
NEWS 10 Nov 19 TOXCENTER(SM) - new toxicology file now available on STN
NEWS 11 Nov 29 COPPERLIT now available on STN
NEWS 12 Nov 29 DWPI revisions to NTIS and US Provisional Numbers
NEWS 13 Nov 30 Files VETU and VETB to have open access
NEWS 14 Dec 10 WPINDEX/WPIDS/WPIX New and Revised Manual Codes for 2002
NEWS 15 Dec 10 DGENE BLAST Homology Search
NEWS 16 Dec 17 WELDASEARCH now available on STN
NEWS 17 Dec 17 STANDARDS now available on STN
NEWS 18 Dec 17 New fields for DPCI
NEWS 19 Dec 19 CAS Roles modified
NEWS 20 Dec 19 1907-1946 data and page images added to CA and CAPlus

NEWS EXPRESS August 15 CURRENT WINDOWS VERSION IS V6.0c,
CURRENT MACINTOSH VERSION IS V6.0 (ENG) AND V6.0J (JP),
AND CURRENT DISCOVER FILE IS DATED 07 AUGUST 2001
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
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NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

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=> file biosis caplus medline
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SINCE FILE TOTAL
ENTRY SESSION

FULL ESTIMATED COST

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0.15

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=> s oligonucleotide#1 (10a) probe# (10a) cleav? (10a) (captur? or attach? or immobiliz?)

'#' TRUNCATION SYMBOL NOT VALID WITHIN 'OLIGONUCLEOTIDE#1'

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The truncation symbol # may be used only at the end of a search term.

To specify a variable character within a word use '!', e.g., 'wom!n'

to search for both 'woman' and 'women'. Enter "HELP TRUNCATION" at an arrow prompt (=>) for more information.

=> s oligonucleotide# (10a) probe# (10a) cleav? (10a) (captur? or attach? or immobiliz?)

L1 5 OLIGONUCLEOTIDE# (10A) PROBE# (10A) CLEAV? (10A) (CAPTUR? OR ATTACH? OR IMMOBILIZ?)

=> s l1 and electrophore?

L2 1 L1 AND ELECTROPHORE?

=> d l2 bib ab

L2 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS

AN 1997:257508 CAPLUS

DN 126:234431

TI Detection of DNA mismatches by resolvase cleavage of hybrids using a capture sequence immobilized on a magnetic bead

IN Babon, Jeff; Youil, Rima; Stoerker, Jay; Huff, Anne; Cotton, Richard G. H.

PA Avitech Diagnostics, Inc., USA

SO PCT Int. Appl., 58 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9709444	A1	19970313	WO 1996-US13851	19960830
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5851770	A	19981222	US 1995-545404	19951019
	AU 9669046	A1	19970327	AU 1996-69046	19960830
	AU 711836	B2	19991021		
	EP 850315	A1	19980701	EP 1996-929777	19960830
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2000507806	T2	20000627	JP 1997-511271	19960830
PRAI	US 1995-522582	A	19950901		
	US 1995-545404	A	19951019		
	US 1994-232530	B2	19940425		
	WO 1996-US13851	W	19960830		

AB A method for detecting base mismatches between a pair of nucleic acid strands is described. One of the pair, a capture sequence, is immobilized on a magnetic particle through a ligand receptor mechanism, e.g. by binding a biotinylated nucleic acid to an avidin- or streptavidin-coated

particle. The other strand, or test sample, is labeled with a reporter group such as fluorescein. The sample is captured by the beads using std. hybridization methods under conditions that are tolerant of mismatches. The sample is then incubated with a resolvase to nick the DNA at any base mismatches. The digestion products are then analyzed **electrophoretically**.

=> d l2 kwic

L2 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS

AB . . . is then incubated with a resolvase to nick the DNA at any base mismatches. The digestion products are then analyzed **electrophoretically**.

IT **Oligonucleotides**

RL: ARG (Analytical reagent use); ANST (Analytical study); USES (Uses)
(**probes**, biotinylated, **immobilized**; detection of
DNA mismatches by resolvase **cleavage** of hybrids using
capture sequence **immobilized** on magnetic bead)

=> s l2 and kit#

L3 0 L2 AND KIT#

=>